

TIME (3 MARKS) (P1)

ALL OF THE TECHNIQUES WORK FOR 24-Hour Time format.

(eg) 22:30 pm $\longrightarrow$ 1430
05:00 pm $\longrightarrow$ 1700

ADD

$\begin{array}{r} 04:30 \\ + 07:15 \\ \hline 11:45 \end{array}$	$\begin{array}{r} 05:25 \\ + 07:55 \\ \hline 12:80 \\ +1 \quad -60 \\ \hline 13:20 \end{array}$	$\begin{array}{r} 22:30 \text{ Mon} \\ + 08:45 \\ \hline 30:75 \\ +1 \quad -60 \\ \hline 31:15 \\ -24 \\ \hline 07:15 \text{ (Tue)} \end{array}$
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SUBTRACT

IN SUBTRACTION, YOU MAY HAVE TO RE-WRITE QUESTION MULTIPLE TIMES AFTER BORROWING.

$$\begin{array}{r} 03:58 \\ - 02:27 \\ \hline 01:31 \end{array}$$

$$\begin{array}{r} 12:43 \\ - 07:55 \\ \hline \end{array}$$

$$\begin{array}{r} 11:03 \\ - 07:55 \\ \hline 04:48 \end{array}$$

$$\begin{array}{r} 3) \quad \overset{+24}{02}:50 \text{ (Mon)} \\ - 11:30 \\ \hline \end{array}$$

Now Borrow a full previous day
(1 day = 24h)

$$\begin{array}{r} 26:50 \\ - 11:30 \\ \hline \end{array}$$

15:20 (Sunday)

If upper value of hours is smaller, we add 24 to hours and subtract 1 from days.

INTERCITY TRAVEL WITH TIME DIFFERENCE

DEPARTURE + JOURNEY = ARRIVAL

Q: London is 4 hours ahead of Dubai. So when it is 0200 in Dubai, its 0600 in London. Ali leaves Dubai at 07:30 Local time. It takes the flight 6 hours to reach London. What is time in London when Ali arrives there.

	DEPARTURE	JOURNEY	ARRIVAL	
DUBAI	07:30	0600	1330	07:30
LONDON		0600	17:30??	+06:00
				<u>13:30</u>
				04 00
				<u>17:30</u>

NOTE: IF IT IS MORE THAN 1 MARK
QUESTION FOR TIME, DO SHOW
WORKINGS TO GAIN METHOD
MARKS.